

Abstract

The present invention relates to pigment and coating compositions that are used to prepare pigmented coatings that exhibit geometric metamerism or metallic flop. The inventive pigment compositions comprise a small particle size pigment, at least one flop-enhancing agent, 5 optionally one or more pigment property enhancing compounds. The flop-enhancing agent is selected from the group consisting of a halogenated copper phthalocyanines, indanthrones or carbazole dioxazines or mixtures thereof that are unsubstituted or substituted in the benzene rings by halogen, $-NR_1R_2$, C_1-C_{10} alkyl and $-X-NR_1R_2$, wherein R_1 and R_2 are independently hydrogen, C_1-C_{10} alkyl or $-X-NR_1R_2$, R_1 and R_2 are independently hydrogen or C_1-C_{10} alkyl, and 10 X is C_1-C_{10} alkylene. The pigment property enhancing compounds may be a texture improving agent, a rheology improving agent, an antiflocculating compound and a dispersibility improving compound. A method of enhancing the flop of a pigmented polymeric coating by incorporating one or more flop-enhancing agents into the composition is also disclosed. The coating compositions comprise the inventive pigment composition and an effect pigment.